

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/886,313DATE: 02/11/2000
TIME: 17:10:41

INPUT SET: S34701.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

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SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Wright, Jim A.
Young, Aiping H.

(ii) TITLE OF INVENTION: INHIBITING NEOPLASTIC CELLS UNTILIZING
THE RIBONUCLEOTIDE REDUCTASE UTR

(iii) NUMBER OF SEQUENCES: 50

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Kohn & Associates
(B) STREET: 30500 Northwestern Hwy.
(C) CITY: Farmington Hills
(D) STATE: Michigan
(E) COUNTRY: US
(F) ZIP: 48334

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Kohn, Kenneth I.
(B) REGISTRATION NUMBER: 30,955
(C) REFERENCE/DOCKET NUMBER: 0227.00003

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (248) 539-5050
(B) TELEFAX: (248) 539-5055

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 523 base pairs
(B) TYPE: nucleic acid

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47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49
50 (ii) MOLECULE TYPE: cDNA
51
52 (iii) HYPOTHETICAL: NO
53
54 (vi) ORIGINAL SOURCE:
55 (A) ORGANISM: Homo sapiens
56
57 (ix) FEATURE:
58 (A) NAME/KEY: 3'UTR
59 (B) LOCATION: 1..523
60
61
62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
63
64 GGAAAGACTT GGAAGAGACC AGCATGTCTT CAGTAGCCAA ACTACTTCTT GAGCATAGAT 60
65
66 AGGTATAGTG GGTTCGCTTG AGGTGGTAAG GCTTTGCTGG ACCCTGTTGC AGGCAAAAGG 120
67
68 AGTAATTGAT TTAAAGTACT GTTAATGATG TTAATGATTT TTTTAAAC TCATATATTG 180
69
70 GGATTTTCAC CAAAATAATG CTTTGA AAAAGAAAAA AAAACGGATA TATTGAGAAT 240
71
72 CAAAGTAGAA GTTTTAGGAA TGCAAAATAA GTCATCTTGC ATACAGGGAG TGGTTAAGTA 300
73
74 AGGTTTCATC ACCCATTTAG CATGCTTTTC TGAAGACTTC AGTTTGTGA AGGAGATTGA 360
75
76 GTTTTACTGC TTTGACTGGT GGGTCTCTAG AAGCAAACT GAGTGATAAC TCATGAGAAG 420
77
78 TACTGATAGG ACCTTTATCT GGATATGGTC CTATAGGTTA TTCTGAAATA AAGATAAACA 480
79
80 TTTCTAAGTG AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAA 523
81
82 (2) INFORMATION FOR SEQ ID NO:2:
83
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 1136 base pairs
86 (B) TYPE: nucleic acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
89
90 (ii) MOLECULE TYPE: cDNA
91
92 (iii) HYPOTHETICAL: NO
93
94 (vi) ORIGINAL SOURCE:
95 (A) ORGANISM: Homo sapiens
96
97 (ix) FEATURE:
98 (A) NAME/KEY: 3'UTR
99 (B) LOCATION: 1..1136

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

100		
101		
102		
103		
104	ATGAACTGAA GATGTGCCCT TACTTGGCTG ATTTTTTTTT TCCATCTCAT AAGAAAAATC	60
105		
106	AGCTGAAGTG TTACCAACTA GCCACACCAT GAATTGTCCG TAATGTTTCAT TAACAGCATC	120
107		
108	TTTAAAACTG TGTAGCTACC TCACAACCAG TCCTGTCTGT TTATAGTGCT GGTAGTATCA	180
109		
110	CCTTTTGCCA GAAGGCCTGG CTGGCTGTGA CTTACCATAG CAGTGACAAT GGCAGTCTTG	240
111		
112	GCTTTAAAGT GAGGGGTGAC CCTTTAGTGA GCTTAGCACA GCGGGATTAA ACAGTCCTTT	300
113		
114	AACCAGCACA GCCAGTTAAA AGATGCAGCC TCACTGCTTC AACGCAGATT TTAATGTTTA	360
115		
116	CTTAAATATA AACCTGGCAC TTTACAAACA AATAAACATT GTTTTGTACT CACGGCGGCG	420
117		
118	ATAATAGCTT GATTTATTTG GTTCTACAC CAAATACATT CTCCTGACCA CTAATGGGAG	480
119		
120	CCAATTCACA ATTCATAAG TGAATAAGT AAGTTAACT TGTGTAGACT AAGCATGTAA	540
121		
122	TTTTTAAGTT TTATTTTAAT GAATTAAAAT ATTTGTTAAC CAACTTTAAA GTCAGTCTCG	600
123		
124	TGTATACCTA GATATTAGTC AGTTGGTGCC AGATAGAAGA CAGGTTGTGT TTTTATCCTG	660
125		
126	TGGCTTGTGT AGTGTCTCGG GATTCTCTGC CCCCTCTGAG TAGAGTGTTG TGGGATAAAG	720
127		
128	GAATCTCTCA GGGCAAGGAG CTTCTTAAGT TAAATCACTA GAAATTTAGG GGTGATCTGG	780
129		
130	GCCTTCATAT GTGTGAGAAG CCGTTTCATT TTATTTCTCA CTGTATTTTC CTCAACGTCT	840
131		
132	GGTTGATGAG AAAAAATTCT TGAAGAGTTT TCATATGTGG GAGCTAAGGT AGTATTGTAA	900
133		
134	AATTTCAAGT CATCCTTAAA CAAATGATC CACCTAAGAT CTTGCCCCCTG TTAAGTGGTG	960
135		
136	AAATCAACTA GAGGTGGTTC CTACAAGTTG TTCATTCTAG TTTTGTGTTG TGTAAGTAGG	1020
137		
138	TTGTGTGAGT TAATTCATTT ATATTTACTA TGTCTGTAA ATCAGAAATT TTTTATTATC	1080
139		
140	TATGTTCTTC TAGATTTTAC CTGTAGTTCA TAAAAA AAAAAAAAAA AAAAAA	1136
141		
142	(2) INFORMATION FOR SEQ ID NO:3:	
143		
144	(i) SEQUENCE CHARACTERISTICS:	
145	(A) LENGTH: 20 base pairs	
146	(B) TYPE: nucleic acid	
147	(C) STRANDEDNESS: single	
148	(D) TOPOLOGY: linear	
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153
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
155
156 GGATTTAGGT GACACTATAG
157
158 (2) INFORMATION FOR SEQ ID NO:4: 20
159
160 (i) SEQUENCE CHARACTERISTICS:
161 (A) LENGTH: 18 base pairs
162 (B) TYPE: nucleic acid
163 (C) STRANDEDNESS: single
164 (D) TOPOLOGY: linear
165
166
167
168
169
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
171
172 TGAGAAAAGC GGGGCCTG
173
174 (2) INFORMATION FOR SEQ ID NO:5: 18
175
176 (i) SEQUENCE CHARACTERISTICS:
177 (A) LENGTH: 21 base pairs
178 (B) TYPE: nucleic acid
179 (C) STRANDEDNESS: single
180 (D) TOPOLOGY: linear
181
182
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
187
188 TAAGTAACTG ATCGTGTGCT C
189
190 (2) INFORMATION FOR SEQ ID NO:6: 21
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 20 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198
199
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201
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
203
204 GAGTTTTCAT ATGTGGGAGC
205

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206 (2) INFORMATION FOR SEQ ID NO:7:
207
208 (i) SEQUENCE CHARACTERISTICS:
209 (A) LENGTH: 20 base pairs
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: linear
213
214
215
216
217
218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
219
220 GAGTTTCTC ATATGTGGGA
221
222 (2) INFORMATION FOR SEQ ID NO:8:
223
224 (i) SEQUENCE CHARACTERISTICS:
225 (A) LENGTH: 20 base pairs
226 (B) TYPE: nucleic acid
227 (C) STRANDEDNESS: single
228 (D) TOPOLOGY: linear
229
230
231
232
233
234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
235
236 AATGAACTGA AGATGTGCCC
237
238 (2) INFORMATION FOR SEQ ID NO:9:
239
240 (i) SEQUENCE CHARACTERISTICS:
241 (A) LENGTH: 20 base pairs
242 (B) TYPE: nucleic acid
243 (C) STRANDEDNESS: single
244 (D) TOPOLOGY: linear
245
246
247
248
249
250 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
251
252 AGGAATCTCT CAGGGCAAGG
253
254 (2) INFORMATION FOR SEQ ID NO:10:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 20 base pairs
258 (B) TYPE: nucleic acid

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***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

174 (2) INFORMATION FOR SEQ ID NO:5:
175
176 (i) SEQUENCE CHARACTERISTICS:
177 (A) LENGTH: 21 base pairs
178 (B) TYPE: nucleic acid
179 (C) STRANDEDNESS: single
180 (D) TOPOLOGY: linear
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186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
187
188 TAAGTAACTG ATCGTGTGCT C
189

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895 (2) INFORMATION FOR SEQ ID NO:50:
896
897 (i) SEQUENCE CHARACTERISTICS:
898 (A) LENGTH: 21 base pairs
899 (B) TYPE: nucleic acid
900 (C) STRANDEDNESS: single
901 (D) TOPOLOGY: linear
902
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906
907 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:
908
909 TTAAGACTTT TTACGCGATT C
910

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SEQUENCE VERIFICATION REPORT
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Original Text